

EAST Search History**EAST Search History (Prior Art)**

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|-------|---|---|------------------|---------|---------------------|
| S1 | 106 | Netac.as. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/05/22 12:56 |
| S2 | 3187 | (711/103).ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/05/22 13:05 |
| S3 | 2 | "5648929".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/05/22 13:05 |
| S4 | 986 | flash SAME parity | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/05/22 13:22 |
| S5 | 3 | flash SAME parity SAME (odd NEAR3 address) SAME (even NEAR3 address) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/05/22 13:22 |
| S6 | 18536 | flash WITH write | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/05/22 13:26 |
| S7 | 28846 | flash WITH writ\$3 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/05/22 13:26 |

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| S8 | 3032 | flash WITH writ\$3 WITH (fast OR quick\$2 OR speed OR latency) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/05/22 13:28 |
| S9 | 115 | ((flash WITH writ\$3 WITH (fast OR quick\$2 OR speed OR latency)) SAME ((two OR multiple OR plural\$3) NEAR (chip OR memory OR bank)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/05/22 13:28 |
| S10 | 1043 | ((odd NEAR3 (address OR location)) AND (even NEAR3 (address OR location)) AND flash | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/05/29 15:49 |
| S11 | 90 | ((odd NEAR3 (address OR location)) WITH (bank OR chip)) AND ((even NEAR3 (address OR location)) WITH (bank OR chip)) AND flash | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/05/29 15:50 |
| S12 | 90 | ((odd NEAR3 (address OR location)) WITH (bank OR chip)) AND ((even NEAR3 (address OR location OR block)) WITH (bank OR chip)) AND flash | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/05/29 16:55 |
| S13 | 0 | S12 not S11 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/05/29 16:55 |
| S14 | 111 | ((odd NEAR3 (address OR location OR block)) WITH (bank OR chip)) AND ((even NEAR3 (address OR location OR block)) WITH (bank OR chip)) AND flash | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/05/29 16:55 |
| S15 | 21 | S14 not S11 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/05/29 16:55 |

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| S16 | 2 | "6728851".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/05/31 17:25 |
| S17 | 2 | "5648929".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/05/31 18:33 |
| S18 | 5518 | (flash) AND (block NEAR3 (parity OR odd OR even)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/05/31 18:44 |
| S19 | 109 | (flash) AND ((block NEAR3 (parity OR odd OR even)) SAME (interleav \$3)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/05/31 18:45 |
| S20 | 9 | (flash OR nonvolatile OR non-volatile OR "non volatile" OR semiconductor OR semi- conductor OR "semi conductor") SAME ((block NEAR3 (parity OR odd OR even)) SAME (interleav \$3)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/05/31 18:46 |
| S21 | 17902 | (flash) SAME (concurrent \$2 OR simultaneous\$2 OR ("same time")) SAME (program\$4 OR writ\$3 OR read\$3 OR load\$3 OR stor \$3 OR eras\$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/05/31 19:00 |
| S22 | 13270 | (flash OR nonvolatile OR non-volatile OR "non volatile" OR semiconductor OR semi- conductor OR "semi conductor") WITH (concurrent\$2 OR simultaneous\$2 OR ("same time")) WITH (program\$4 OR writ\$3 OR read\$3 OR load\$3 OR stor \$3 OR eras\$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/05/31 19:02 |

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| S23 | 7554 | ((number) NEAR3 (sectors OR pages OR blocks)) WITH (complet\$3 OR finish\$3) | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/01 10:42 |
| S24 | 10031 | (write NEAR3 counter) | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/01 10:54 |
| S25 | 27 | (write NEAR3 counter) WITH (finish\$3 OR complet\$3) WITH compar\$4 | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/01 10:54 |
| S26 | 479 | ((counter) WITH (writ\$3) WITH (complet\$3 OR finish\$3) WITH (length OR number)) | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/01 11:05 |
| S27 | 314 | ((counter) WITH (writ\$3) WITH (complet\$3 OR finish\$3) WITH (length OR number)) AND @ad<"20031231" | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/01 11:06 |
| S28 | 30 | ((counter) WITH (writ\$3) WITH (complet\$3 OR finish\$3) WITH (length OR number)) AND @ad<"20031231" AND (flash) | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/01 11:07 |
| S29 | 0 | @ad<"20031231" AND (flash) AND (counter WITH compar\$4 WITH (length) WITH writ\$3) | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/01 11:16 |
| S30 | 64 | @ad<"20031231" AND (counter WITH compar\$4 WITH (length) WITH writ\$3) | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/01 11:16 |
| S31 | 0 | "10612961".apnr. | US_PGPUB; USPAT; USOCR | OR | ON | 2009/06/01 12:55 |

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| S32 | 2 | "20050010717".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/01 12:56 |
| S33 | 3 | (logical ADJ block ADJ address) WITH odd WITH even WITH (chip OR bank) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/01 13:06 |
| S34 | 1486 | flash WITH raid | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/01 13:07 |
| S35 | 2 | flash WITH raid0 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/01 13:09 |
| S36 | 37 | (flash WITH raid) AND ((block) WITH (odd OR even)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/01 13:10 |
| S37 | 0 | ((logical NEAR block) WITH interleav\$3 WITH (odd OR even OR parity)) AND flash AND @ad<"20031231" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/01 13:21 |
| S38 | 2 | ((logical NEAR block) WITH interleav\$3) AND flash AND @ad<"20031231" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/01 13:21 |
| S39 | 864 | ((block) WITH interleav \$3) AND flash AND @ad<"20031231" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/01 13:24 |

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| S40 | 132 | ((block WITH interleav\$3) SAME (odd OR even OR parity)) AND flash AND @ad<"20031231" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/01 13:25 |
| S41 | 108 | raid\$ NEAR3 flash | US-PGPUB; USPAT; USOCR | OR | ON | 2009/06/01 14:28 |
| S42 | 0 | (raid\$ NEAR3 flash) SAME ((interleav\$3 WITH (writ\$3 OR program\$4)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/01 14:29 |
| S43 | 115 | (raid\$ NEAR3 flash) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/01 14:29 |
| S44 | 1 | (raid\$ NEAR3 flash) AND (alternat\$3 NEAR3 (chip OR bank)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/01 15:49 |
| S45 | 1 | "5671439".pn. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/06/08 18:05 |
| S46 | 2136 | transfer\$3 WITH count\$3 WITH (subtract\$3 OR difference) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/08 18:07 |
| S47 | 103 | transfer\$3 WITH count\$3 WITH (subtract\$3 OR difference) WITH (complet\$3 OR finish\$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/08 18:07 |
| S48 | 57 | (transfer\$3 WITH count\$3 WITH (subtract\$3 OR difference) WITH (complet\$3 OR finish\$3)) AND @ad<"20031231" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/08 18:08 |
| S49 | 1 | "5671439".pn. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/06/08 20:08 |

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| S50 | 3 | flash SAME parity SAME (odd NEAR3 address) SAME (even NEAR3 address) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/02/24 17:35 |
| S51 | 95 | ((odd NEAR3 (address OR location)) WITH (bank OR chip)) AND ((even NEAR3 (address OR location)) WITH (bank OR chip)) AND flash | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/02/24 17:35 |
| S52 | 117 | ((odd NEAR3 (address OR location OR block)) WITH (bank OR chip)) AND ((even NEAR3 (address OR location OR block)) WITH (bank OR chip)) AND flash | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/02/24 17:35 |
| S53 | 22 | S52 not S51 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/02/24 17:35 |
| S54 | 121 | (flash) AND ((block NEAR3 (parity OR odd OR even)) SAME (interleav \$3)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/02/24 17:35 |
| S55 | 132 | Netac.as. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/02/24 18:16 |
| S56 | 2 | "5572466".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/02/18 13:36 |
| S57 | 5 | ("4817035" "4849929" "5270979" "5291584" "5297148").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2011/02/18 13:36 |
| S58 | 101 | ("5572466").URPN. | USPAT | OR | ON | 2011/02/18 13:36 |
| S59 | 2 | ("4418394" "5572466").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2011/02/18 15:13 |

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| S60 | 3 | ("20070214309" "4418394" "5572466").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2011/02/19 11:38 |
| S61 | 293 | (711/103).ccls. AND odd AND even | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/02/19 11:42 |
| S62 | 2 | "5453957".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/02/19 16:44 |
| S63 | 2 | "20070288688".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/02/19 16:48 |
| S64 | 2 | "20050114587".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/02/19 16:50 |
| S65 | 2 | "6426893".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/02/19 16:57 |
| S66 | 2 | "20070118681" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/02/19 17:45 |
| S67 | 8 | ("20050144361" "4689765" "4800380" "4933879" "6081878" "6725321" "6895490" "7020739").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2011/02/20 14:06 |

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| S68 | 17 | ("20030041210" "20030112692" "20030115538" "20040015674" "5077737" "5276834" "5754567" "5854800" "5864569" "5923682" "6034891" "6076182" "6202138" "6279072" "6757842" "6906961" "7155559").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2011/02/20 14:17 |
| S69 | 7 | ("20020007439" "20020007443" "4387424" "4412285" "5610808" "6115823" "6625748").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2011/02/20 14:25 |
| S70 | 1 | "5341489".pn. | US-PGPUB; USPAT; USOCR | OR | ON | 2011/02/20 14:38 |
| S71 | 2 | "5341489".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/02/20 14:38 |
| S72 | 2 | "5848428".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/02/20 15:27 |
| S73 | 17 | (US-20110016261-\$ or US-20090235017-\$ or US-20080235438-\$ or US-20080189474-\$ or US-20080126683-\$ or US-20050010717-\$ or US-20040111583-\$ or US-20030051093-\$ or US-20050005058-\$).did. or (US-5572466-\$ or US-7633817-\$ or US-7424593-\$ or US-7215580-\$ or US-5453957-\$ or US-7627712-\$ or US-5671388-\$ or US-5341489-\$).did. | US-PGPUB; USPAT | OR | ON | 2011/02/20 16:13 |

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| S74 | 16 | (US-20110016261-\$ or US-20090235017-\$ or US-20080235438-\$ or US-20080189474-\$ or US-20080126683-\$ or US-20050010717-\$ or US-20040111583-\$ or US-20030051093-\$ or US-20050005058-\$).did. or (US-5572466-\$ or US-7633817-\$ or US-7424593-\$ or US-7215580-\$ or US-5453957-\$ or US-7627712-\$ or US-5671388-\$ or US-5341489-\$).did. AND controller | US-PGPUB; USPAT | OR | ON | 2011/02/20 16:13 |
| S75 | 1 | "6081878".pn. | US-PGPUB; USPAT | OR | ON | 2011/02/20 16:32 |
| S76 | 438 | (711/103,e12.079).ccls. AND odd AND even | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/02/20 18:32 |
| S77 | 313 | (711/103,e12.008).ccls. AND odd AND even | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/02/20 18:34 |
| S78 | 350 | (711/103,e12.008).ccls. AND odd AND even | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/07/07 15:11 |
| S79 | 181 | (flash) AND ((block NEAR3 (parity OR odd OR even)) SAME (interleav \$3)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/07/07 15:12 |
| S80 | 107 | ((odd NEAR3 (address OR location)) WITH (bank OR chip)) AND ((even NEAR3 (address OR location)) WITH (bank OR chip)) AND flash | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/07/07 17:29 |

EAST Search History (Interference)

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7/ 8/ 2011 12:35:00 PM

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